

Leading the Launch



IDAHO NATIONAL ENGINEERING AND ENVIRONMENTAL LABORATORY

*Delivering a payload of
responsive technologies*



Technology Deployment



HOME OF SCIENCE AND ENGINEERING SOLUTIONS



Sponge-Jet's Sponge Blasting System™

Problem

INEEL's Decontamination and Decommissioning project needed to reduce worker exposure and stress during decontamination of concrete and metal surfaces.

Baseline Technology

Conventional wipe-down and scabbling to remove surface contamination.

Innovative Technology

The Sponge-Jet's Sponge Blasting System™ propels a proprietary sponge-like media to remove and bind surface contamination.

Comparison

This surface cleaning system increases productivity, reduces worker stress and exposure. Blast media can be recycled. Elevated noise limits work time.

Benefits

This system allowed the project to accelerate schedule, reduce worker stress and exposure, and minimize generation of secondary waste.

